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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/735,203	12/12/2000	Ronald J. Nienhuis	2401-19	4274

7590 06/25/2004

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EXAMINER

MIRZA, ADNAN M

ART UNIT	PAPER NUMBER
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2141

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DATE MAILED: 06/25/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED

JUL 07 2004

Technology Center 2100

Office Action Summary

Application No.

09/735,203

Applicant(s)

NIENHUIS, RONALD J.

Examiner

Adnan M Mirza

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2000.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-6 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 08 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter et al (U.S. 5,987,506) and Voit (U.S. 6,205,139).

As per claim 1 Carter disclosed in a data communication system of the type wherein a first information-processing device communicates with a second information-processing device, the improvement comprising including additional data in a request from said first information-processing device to said second information-processing device wherein, in accordance with said additional data (col. 4, lines 16-37),

However Carter did not disclose in detail said second information-processing device effects communication between said first information-processing device and one of a plurality of third information-processing devices.

In the same field of endeavor Voit disclosed to allow data communication of HLR data registered in the ISCPs 240, 250, to visitor location registers in remote MCs, the network further includes a hub STP 253. The hub which currently carries IS-41 data messaged between existing MCs outside the PCS service area.

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It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated to allow data communication of HLR data registered in the ISCPs 240, 250, to visitor location registers in remote MCs, the network further includes a hub STP 253. The hub which currently carries IS-41 data messaged between existing MCs outside the PCS service area. as taught by Voit in the method of Carter to avoid remote accessing complications and improve the communication among the users in a network.

3. As per claim 2 Carter-Voit disclosed wherein said additional data indicates a geographic location of said first information -processing device (Voit, col. 16, lines 39-46).

4. As per claim 3 Carter-Voit disclosed wherein said additional data does not exceed one byte in length (Carter, col. 10, lines 51-62).

5. As per claim 4 Carter-Voit disclosed wherein communication between said first information processing device, said second information-processing device, and said plurality of third information-processing devices is performed over the internet (col. 4, lines 16-37).

6. As per claim 5 Carter-Voit disclosed wherein communication between said first information-processing device, said information-processing device, and said second information-processing device, and said plurality of third information-processing devices is performed using TCP/IP format (Voit, col. 26, lines 31-44).

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7. As per claim 6 Carter-Voit disclosed wherein said second information-processing device includes a database which includes addresses of each of said plurality of third information-processing devices corresponding to said additional data (Carter, col. 6, lines 23-36).

Conclusion

8. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (703)-305-4633.

9. The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dharia Rupal can be reached on (703)-305-4003. The fax for this group is (703)-746-7239.

10. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");

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(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"),

(703)-746-7238 (For After Final Communications).

11. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

BOX AF

Commissioner of Patents and Trademarks Washington, D.C.20231

Or faxed to:

Hand-delivered responses should be brought to 4th Floor Receptionist, Crystal Park II,
2021 Crystal Drive, Arlington, VA 22202.

AM

Adnan Mirza

Examiner


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER